

Red lined Originals

FIG. 11-52 Renumbered to 10-51

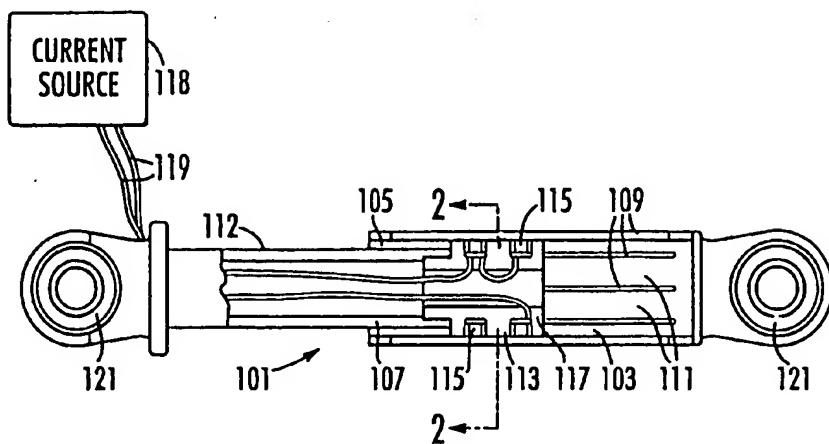


FIG. 1

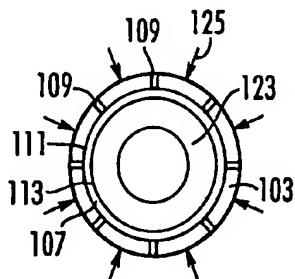


FIG. 2

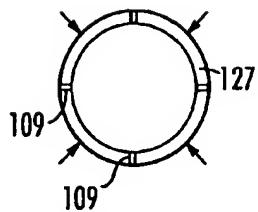


FIG. 3B

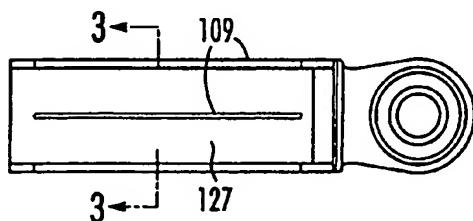


FIG. 3A

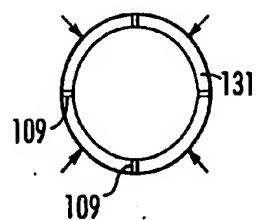


FIG. 4B

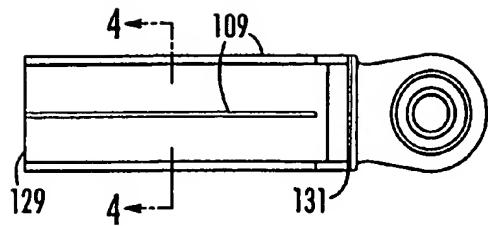


FIG. 4A

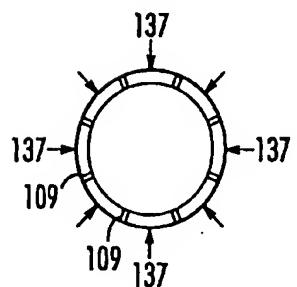


FIG. 5B

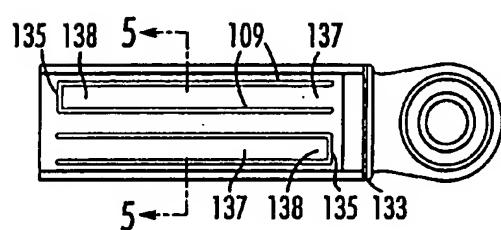


FIG. 5A

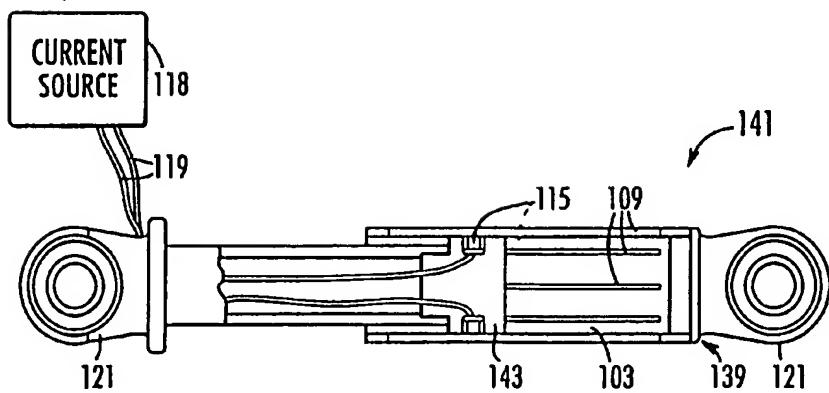


FIG. 6

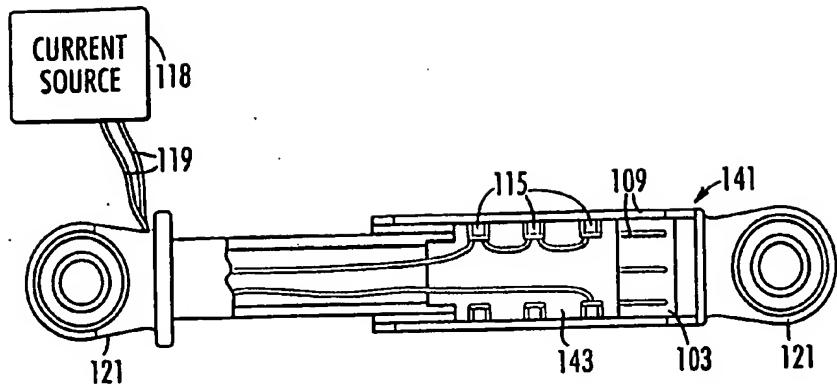


FIG. 7

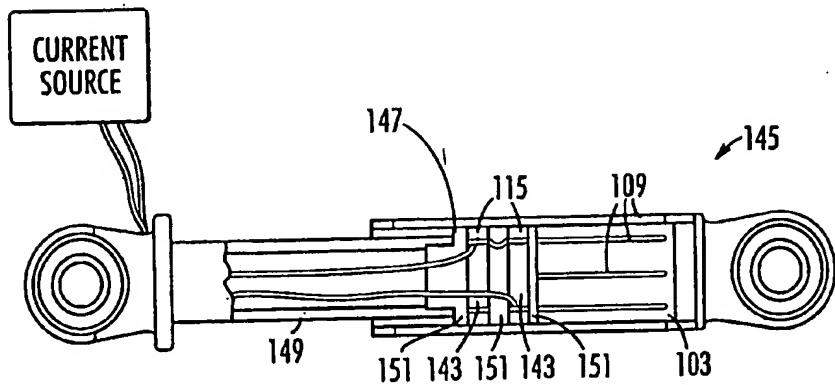


FIG. 8

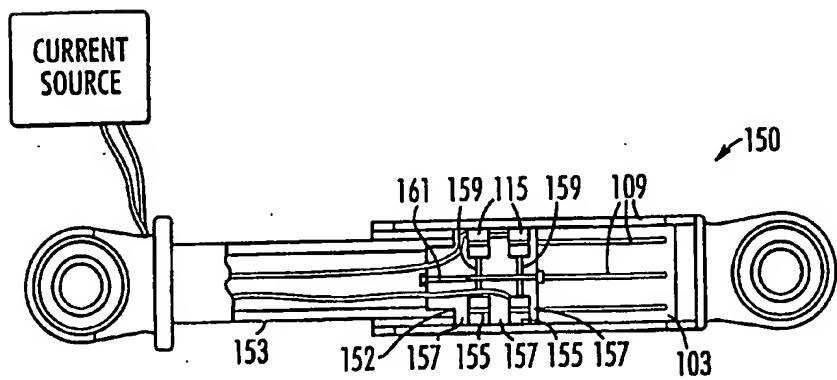


FIG. 9

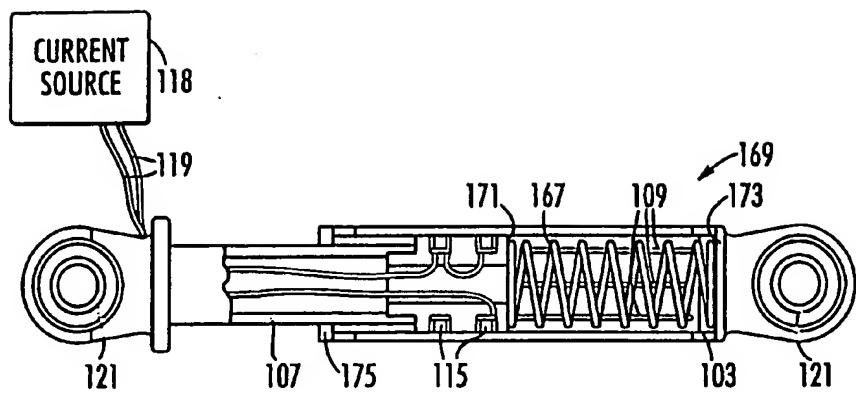


FIG. X 10

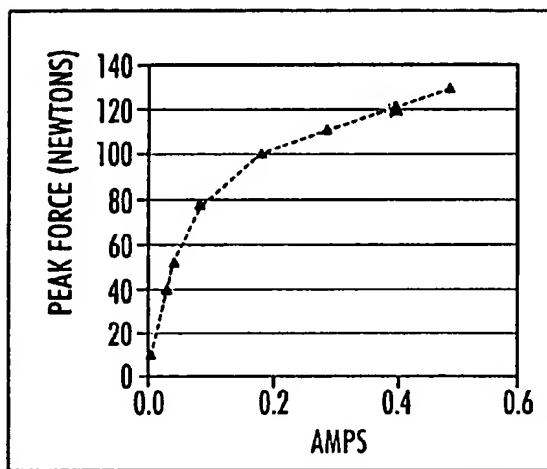


FIG. X 11

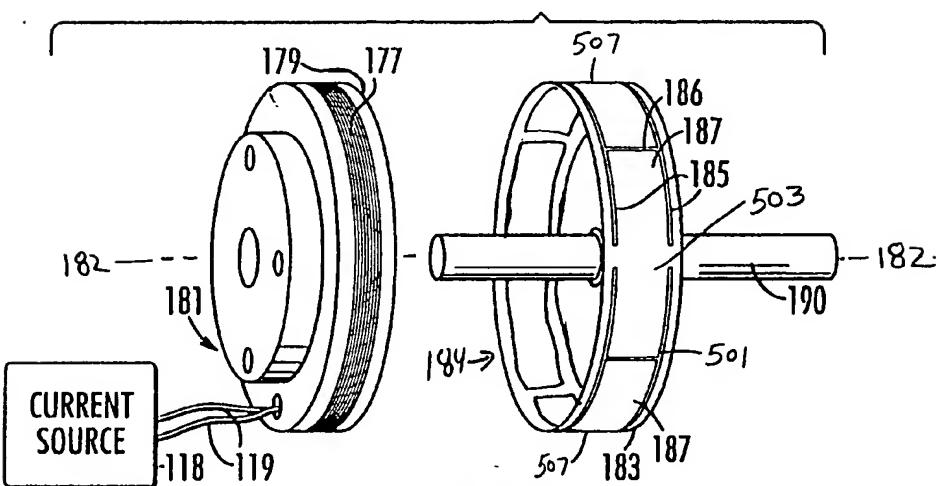
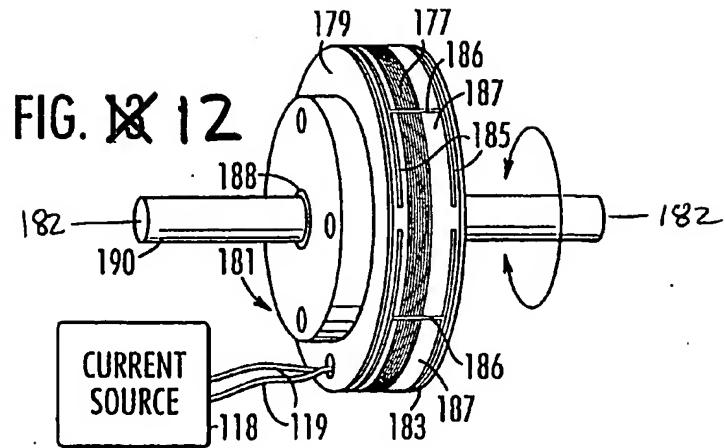


FIG. 13

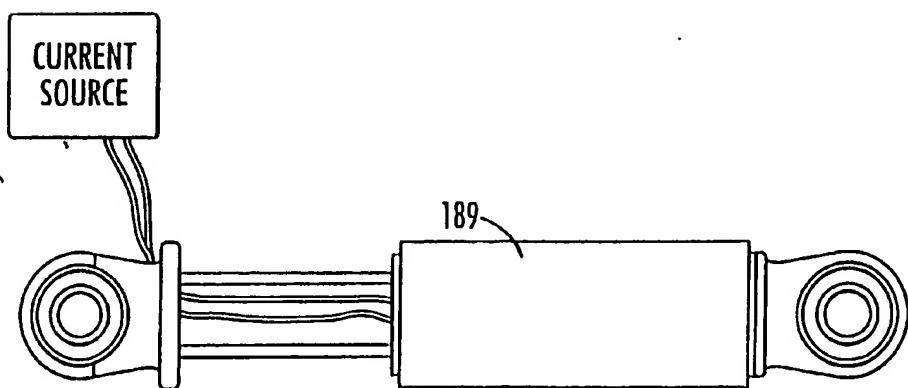


FIG. 14

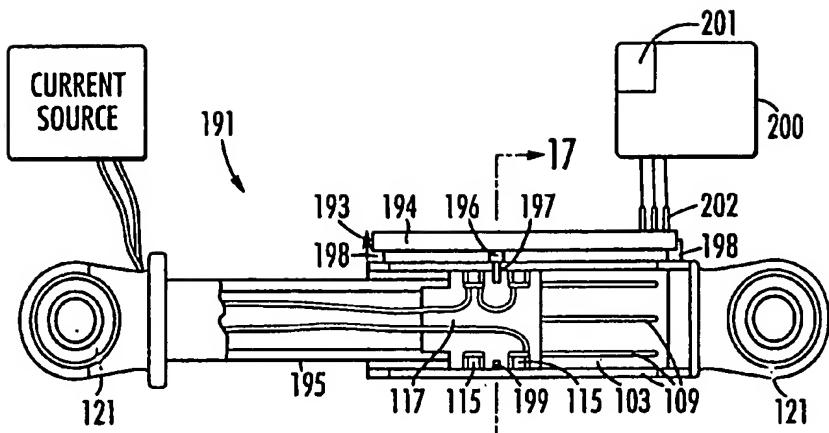


FIG. 15

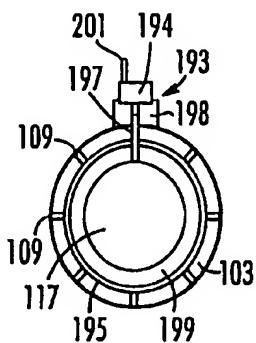


FIG. 16

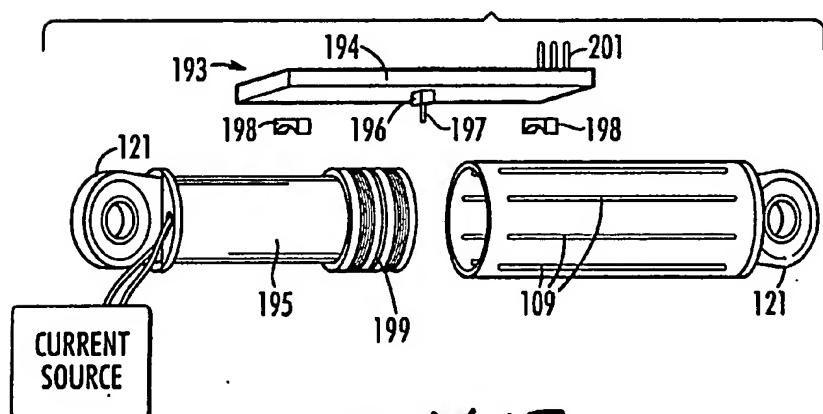


FIG. 17

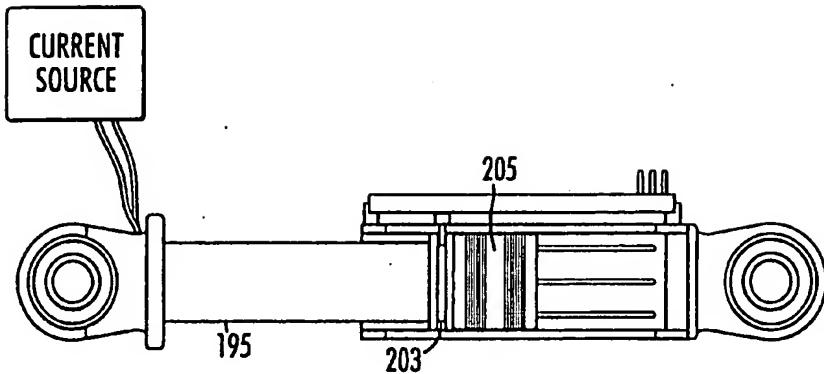


FIG. 18

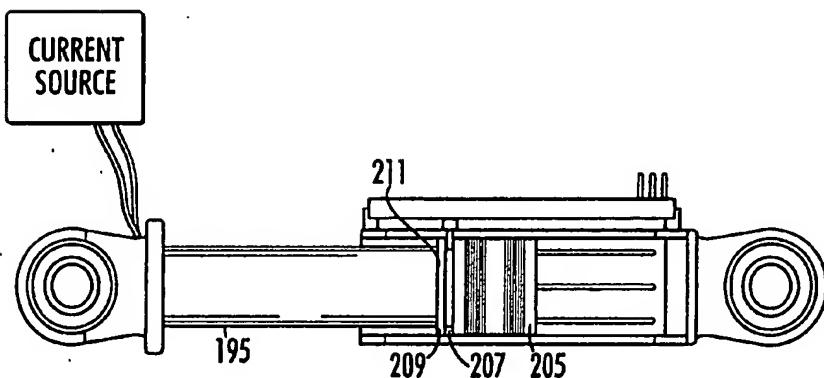


FIG. 19

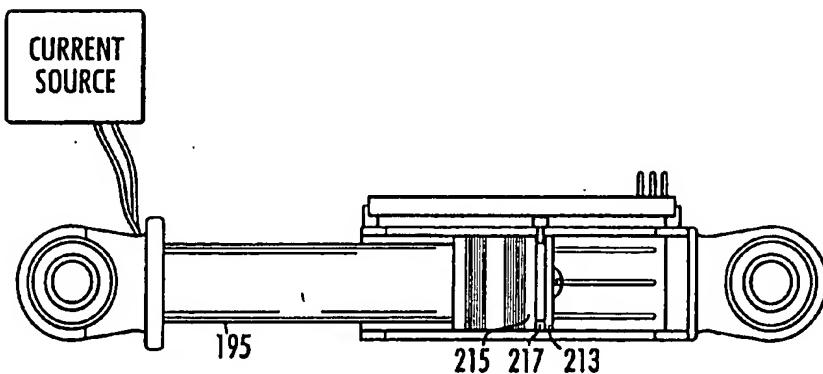


FIG. 20

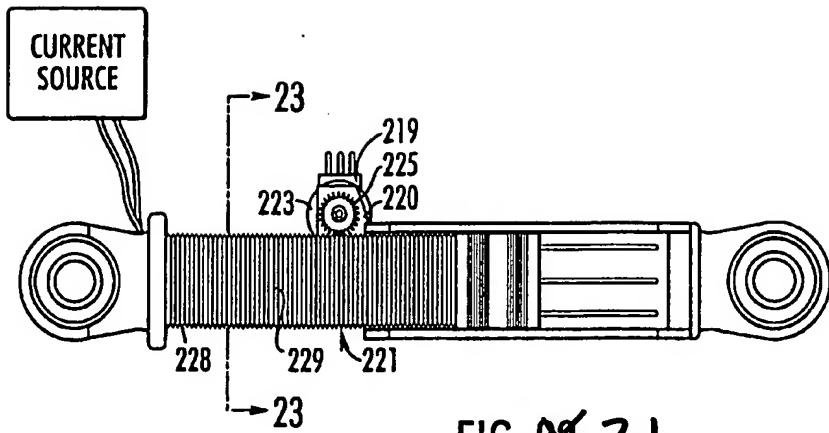


FIG. 21

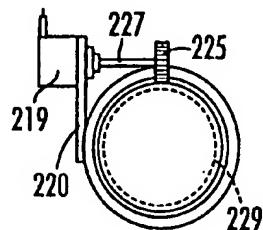


FIG. 22

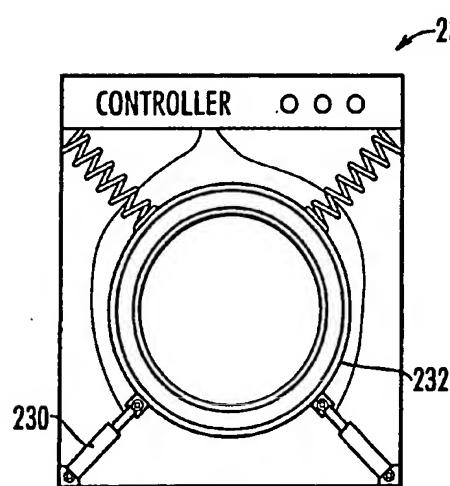


FIG. 23

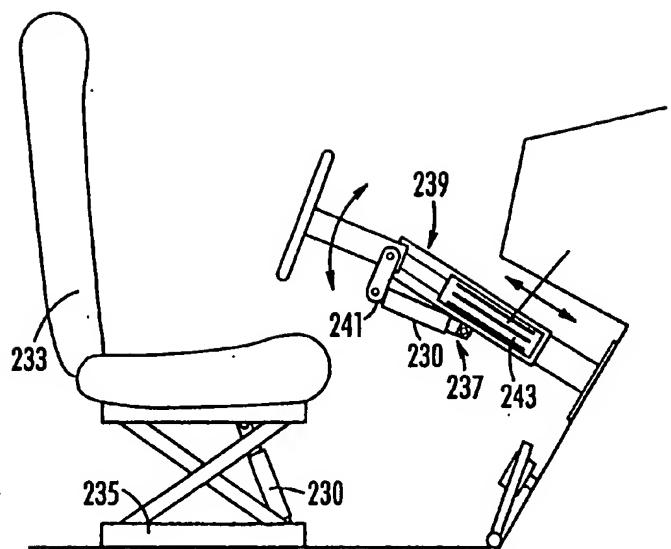


FIG. 25 24

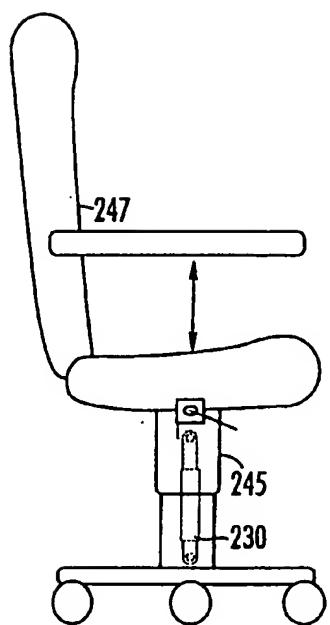


FIG. 25A

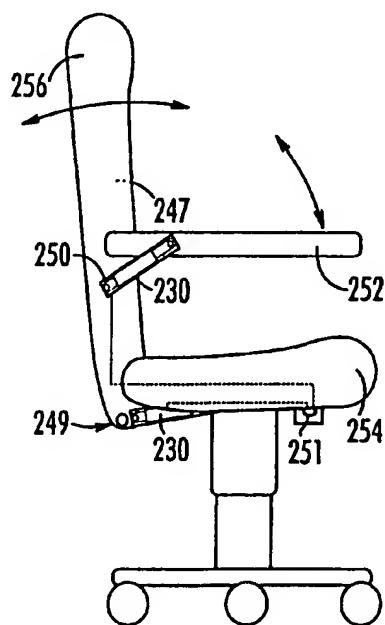


FIG. 25B

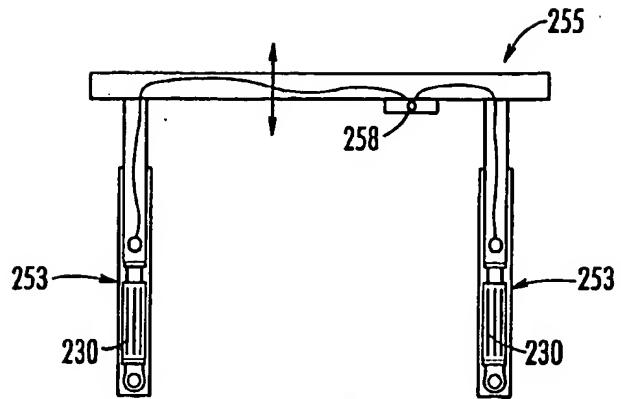


FIG. ~~28~~ 26

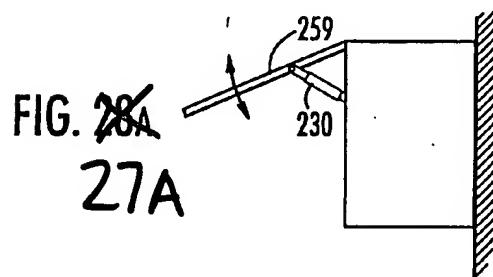


FIG. ~~28~~ A
27A

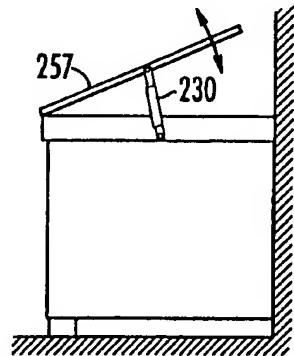


FIG. ~~28~~ B
27B

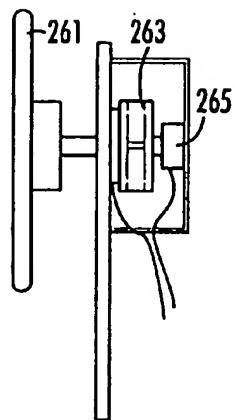


FIG. 28

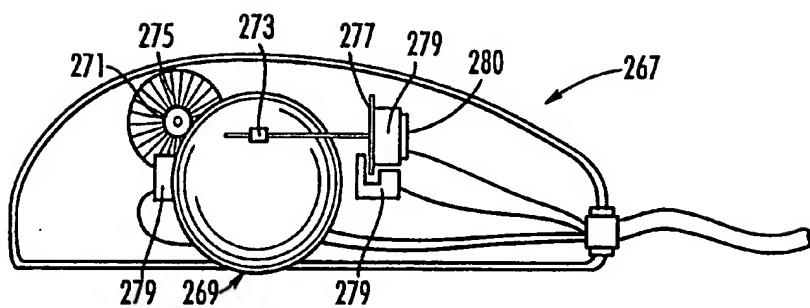


FIG. 29

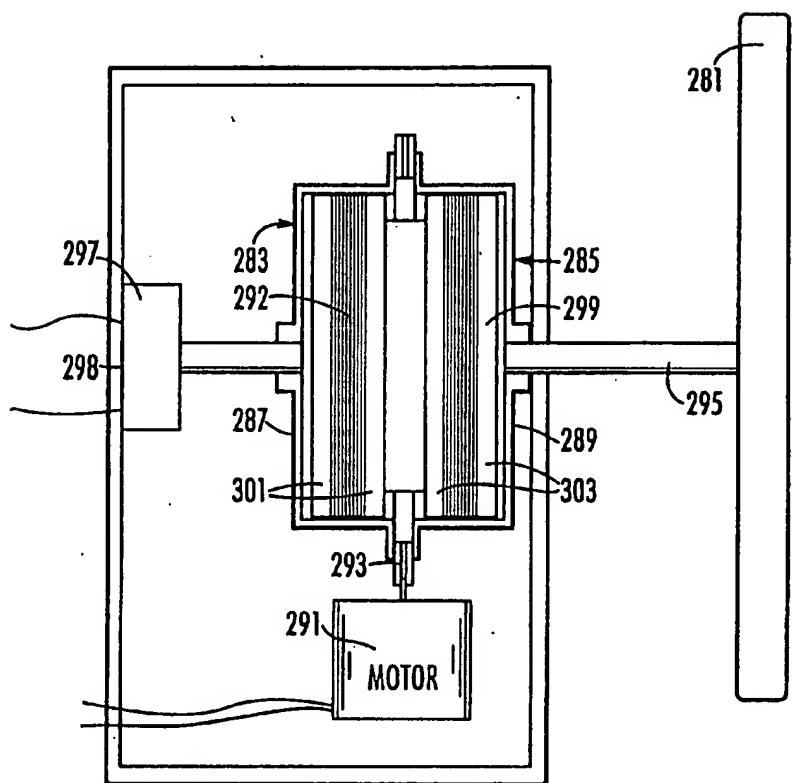


FIG. 30

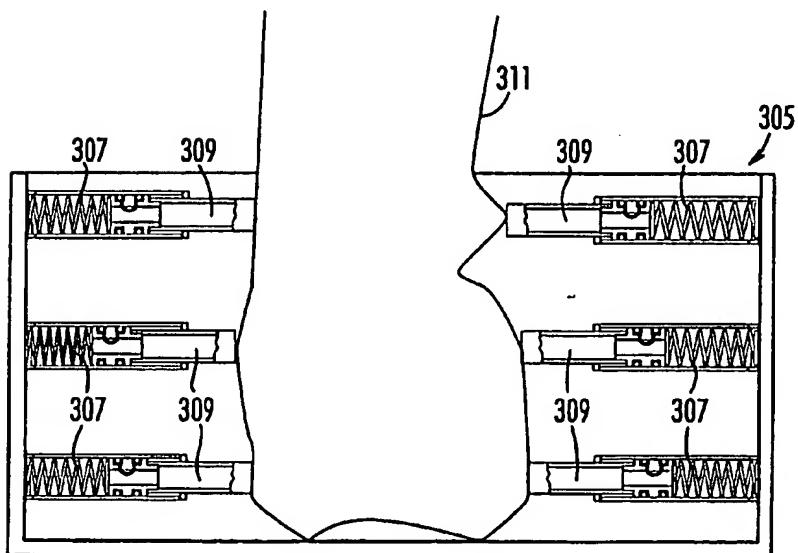


FIG. 31

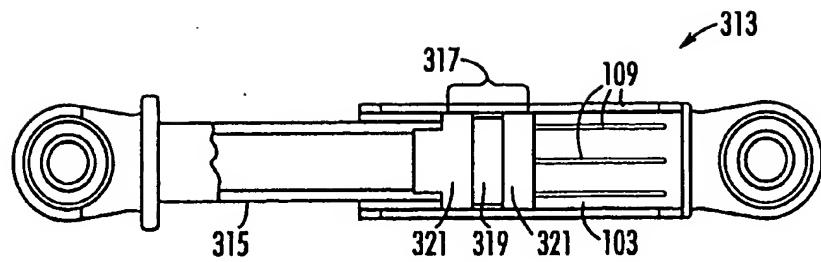


FIG. 32

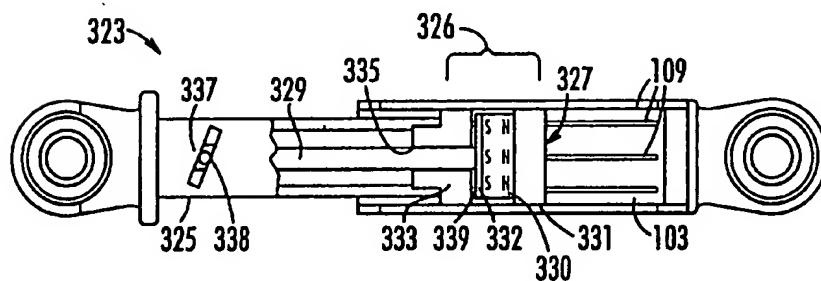


FIG. 33

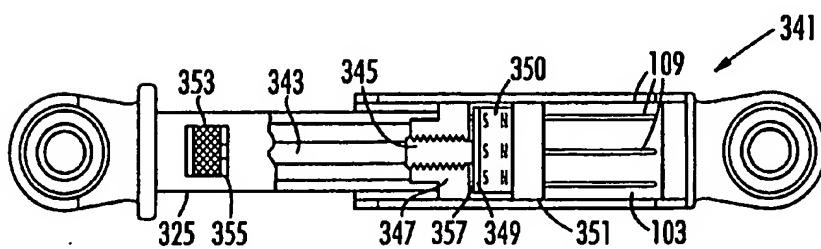


FIG. 34

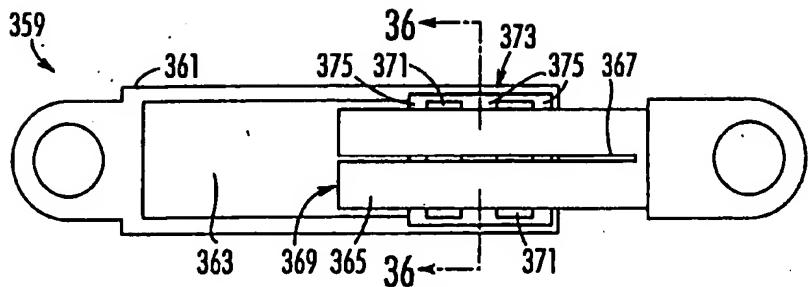


FIG. 35A

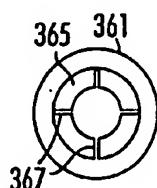


FIG. 35B

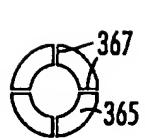


FIG. 36B

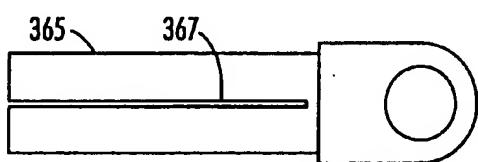


FIG. 36A



FIG. 37B

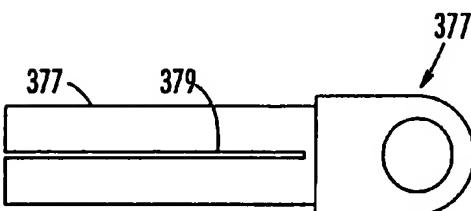
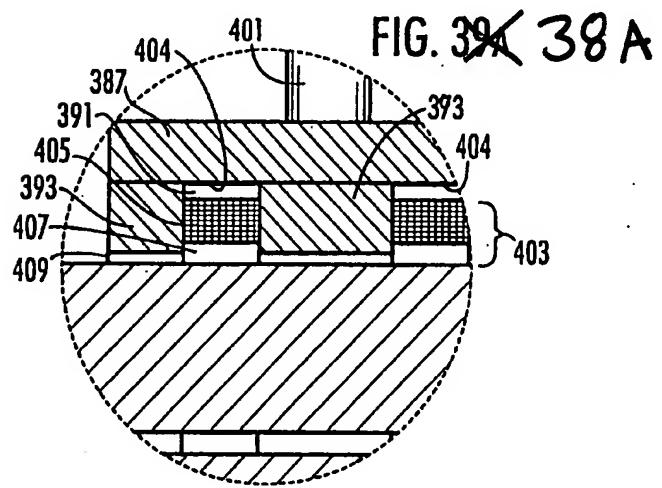
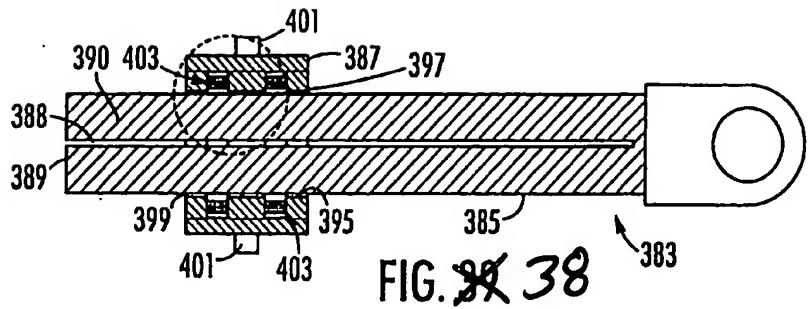


FIG. 37A



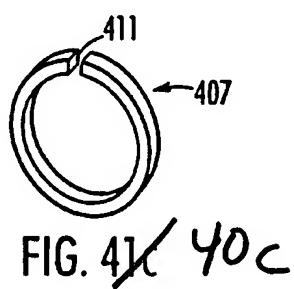
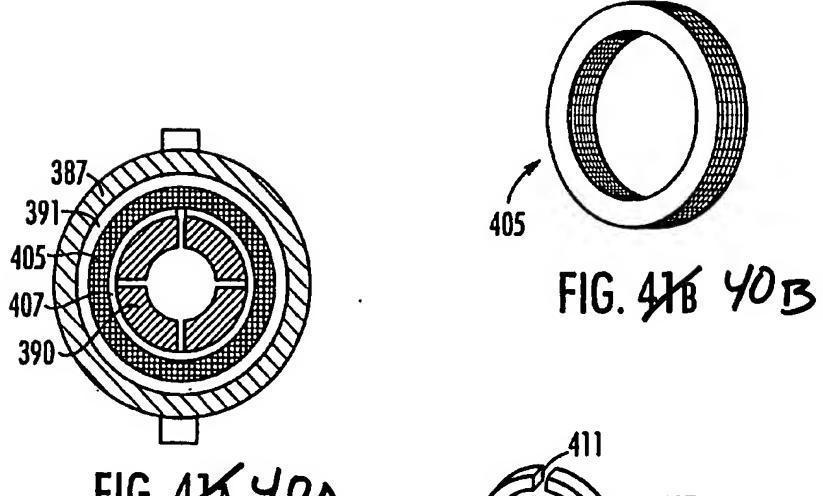
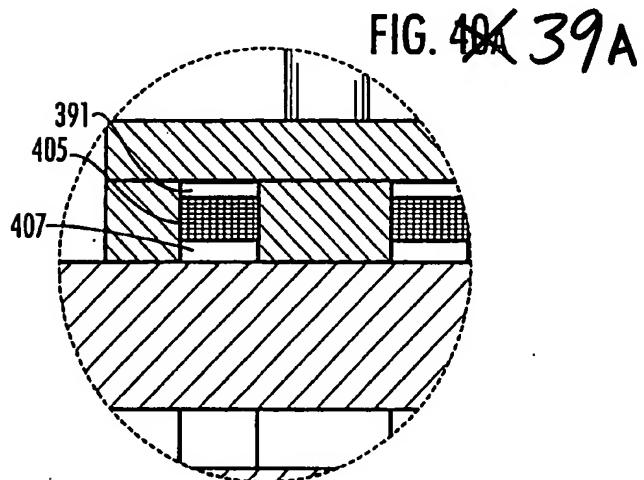
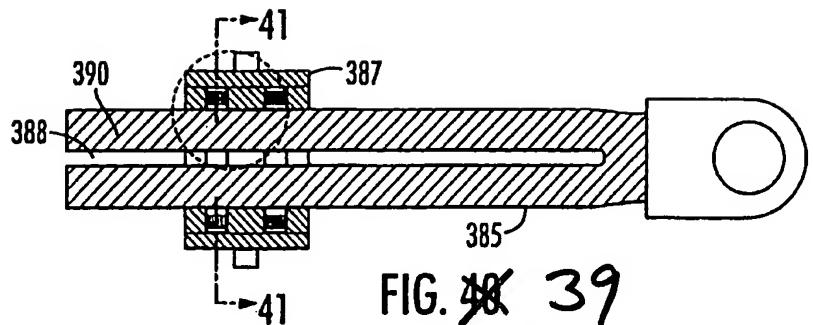


FIG. 40C

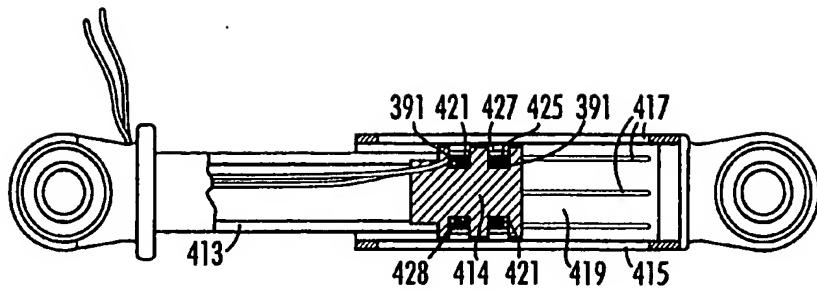


FIG. 41

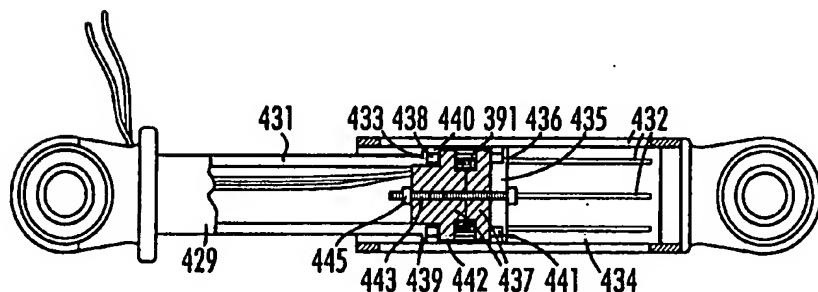


FIG. 42

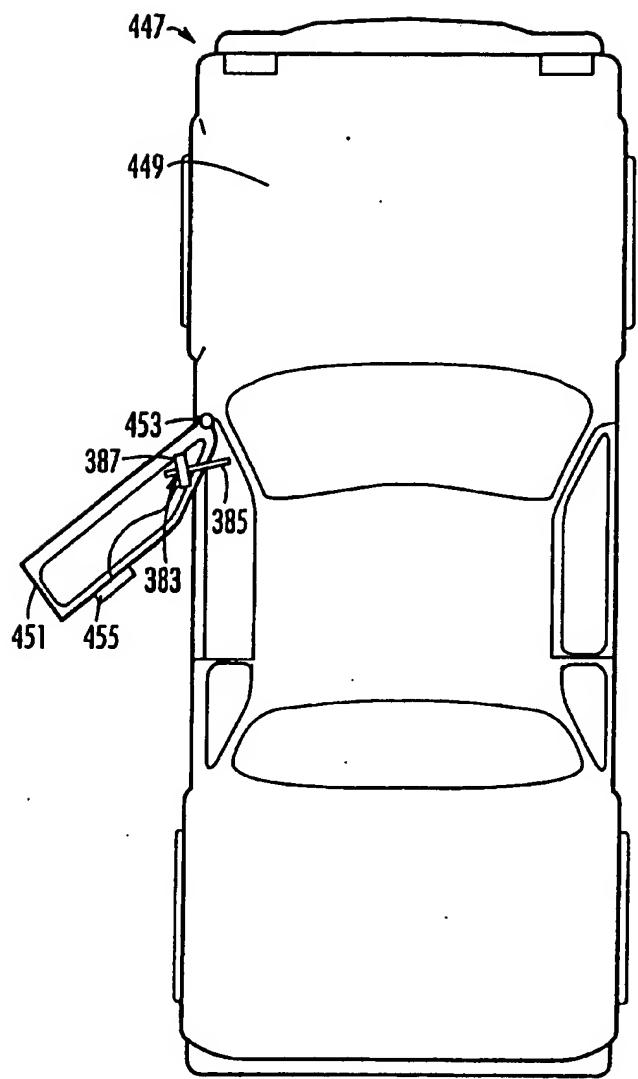


FIG. 4443

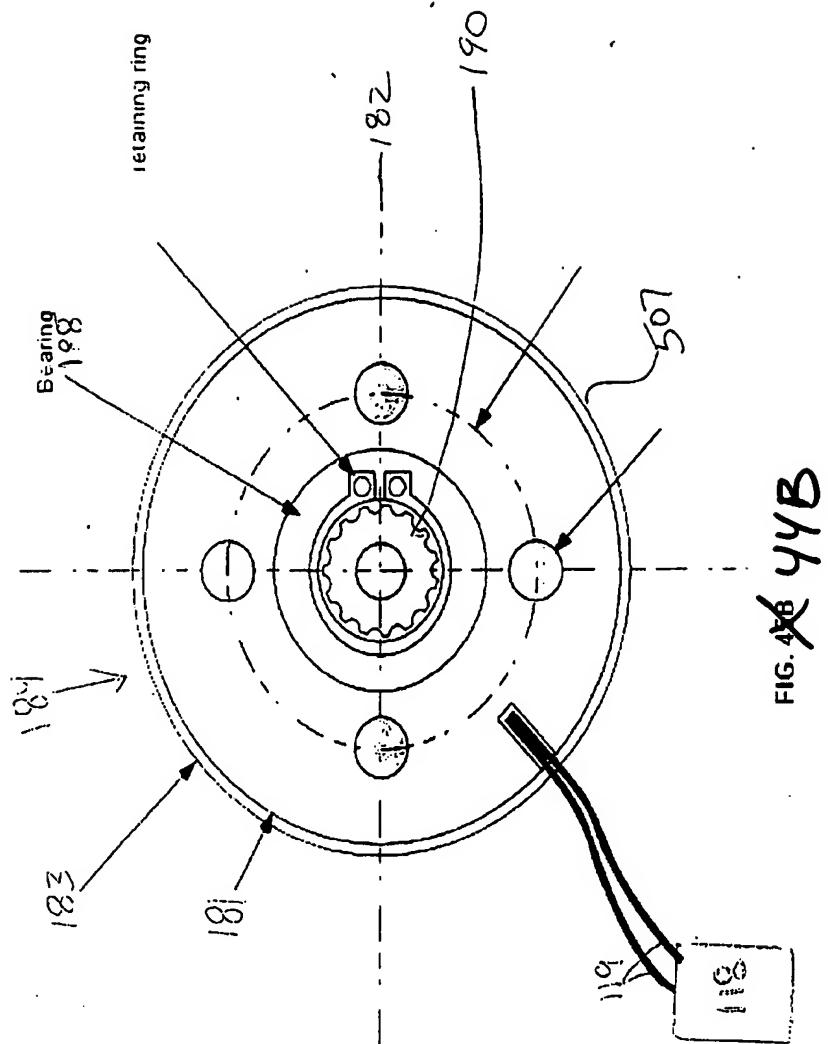


FIG. 44B

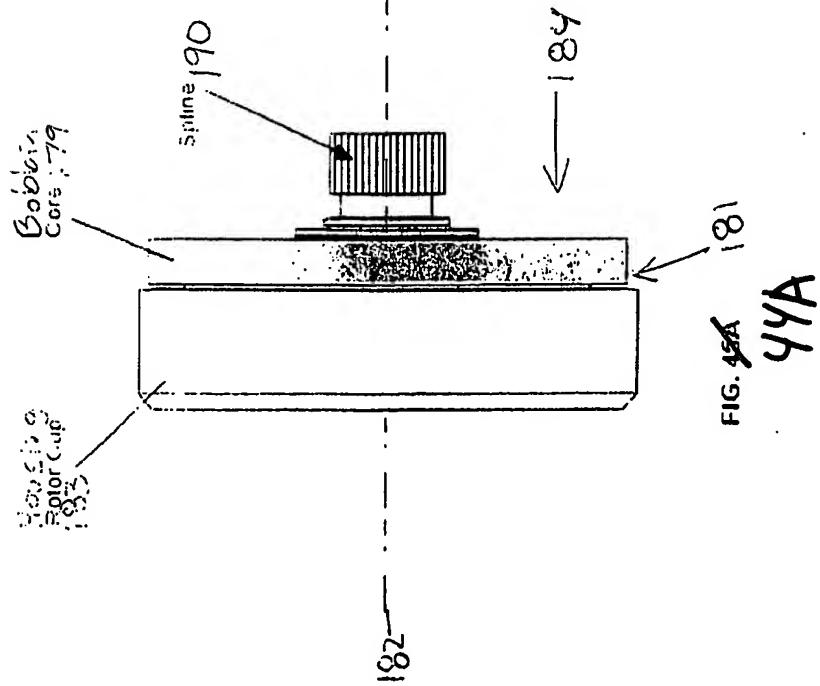
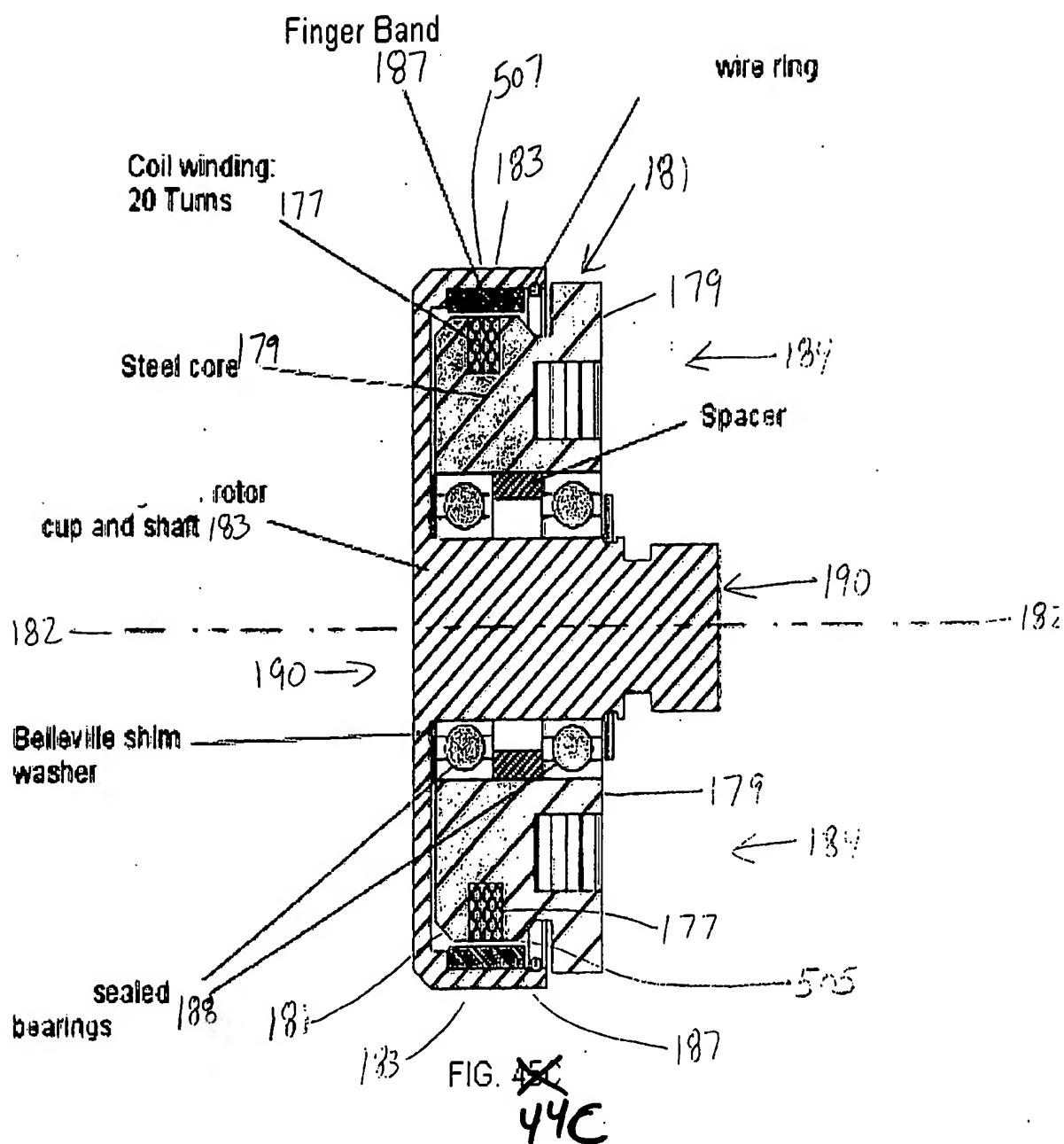
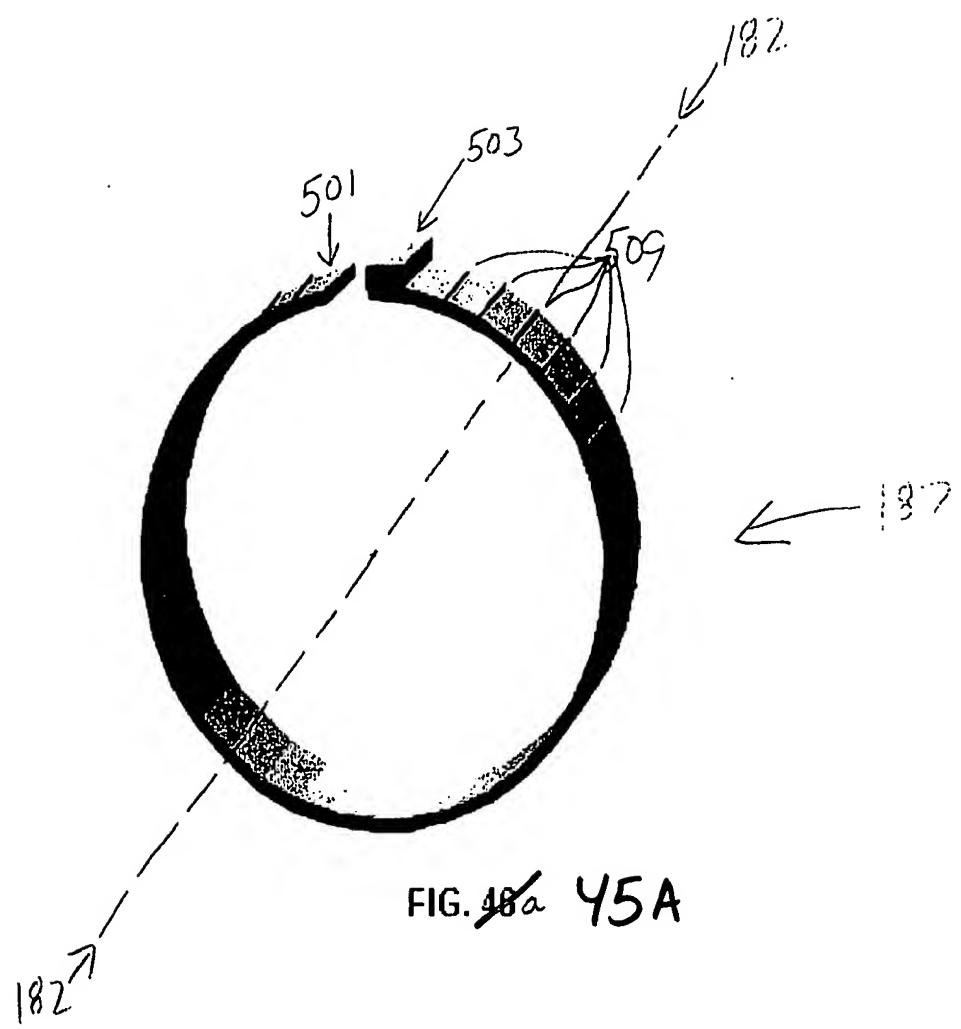


FIG. 44A





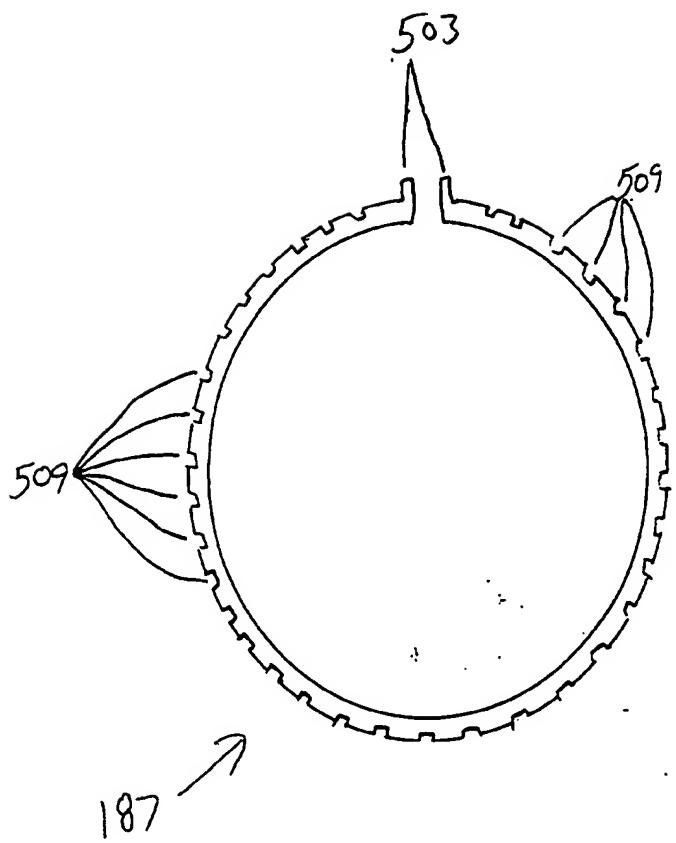


FIG. 466 45B

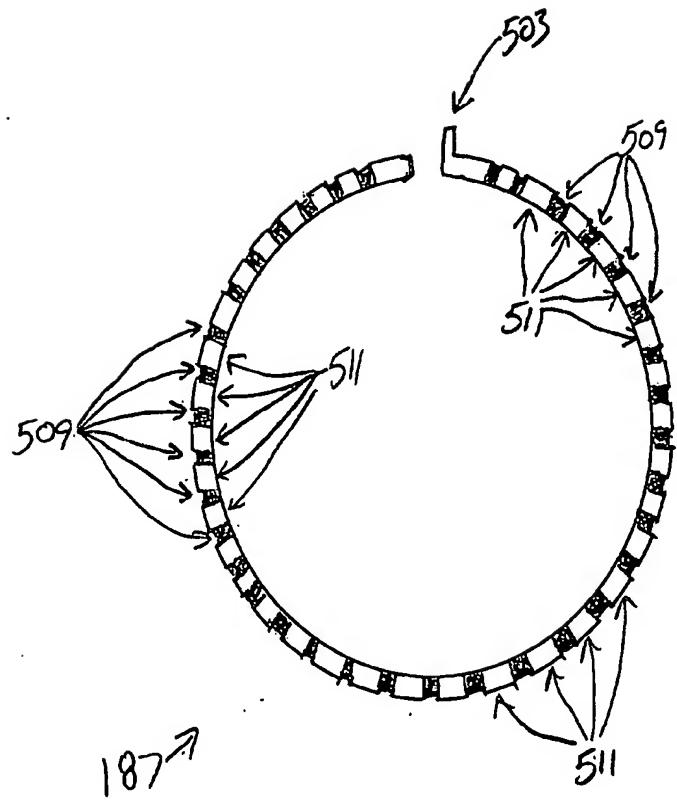


FIG. 46C ~~46C~~ 45C

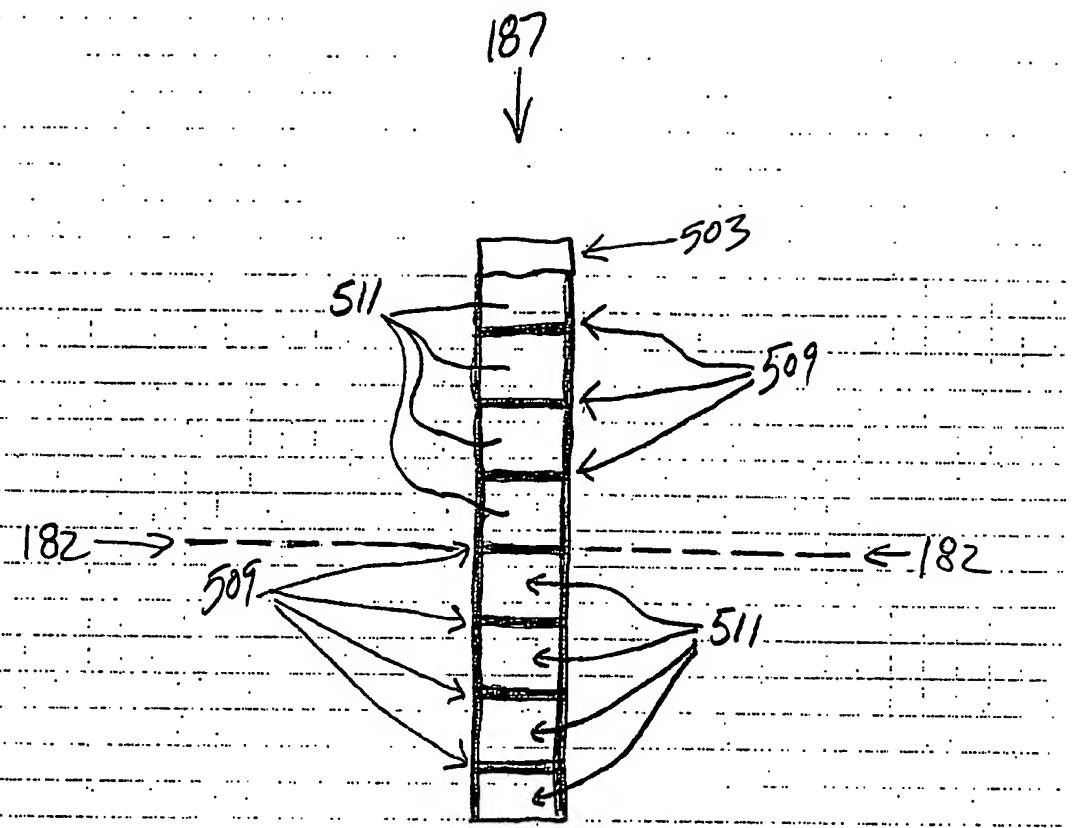


FIG. 46d 45D

FIG. 47c 46C

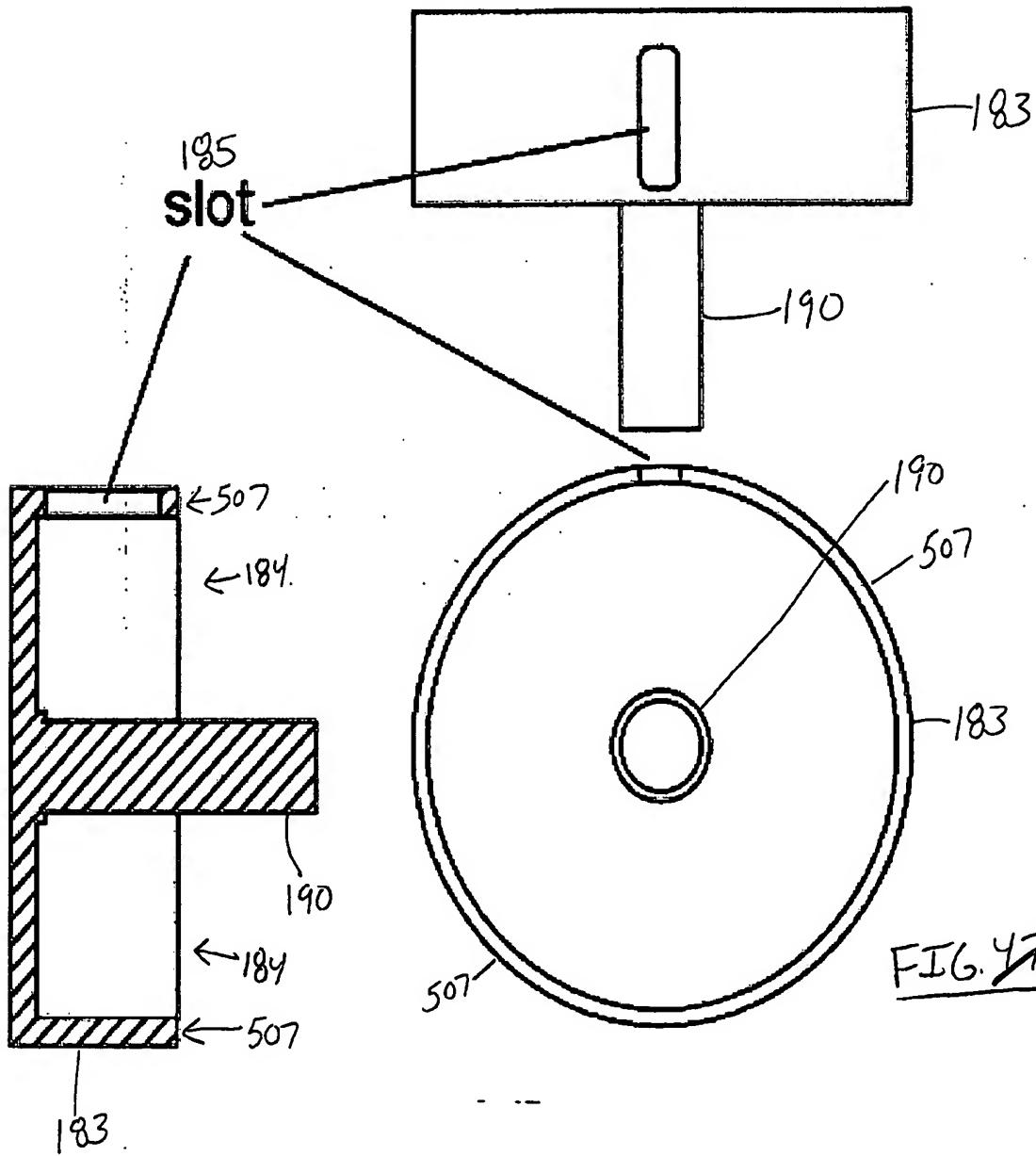
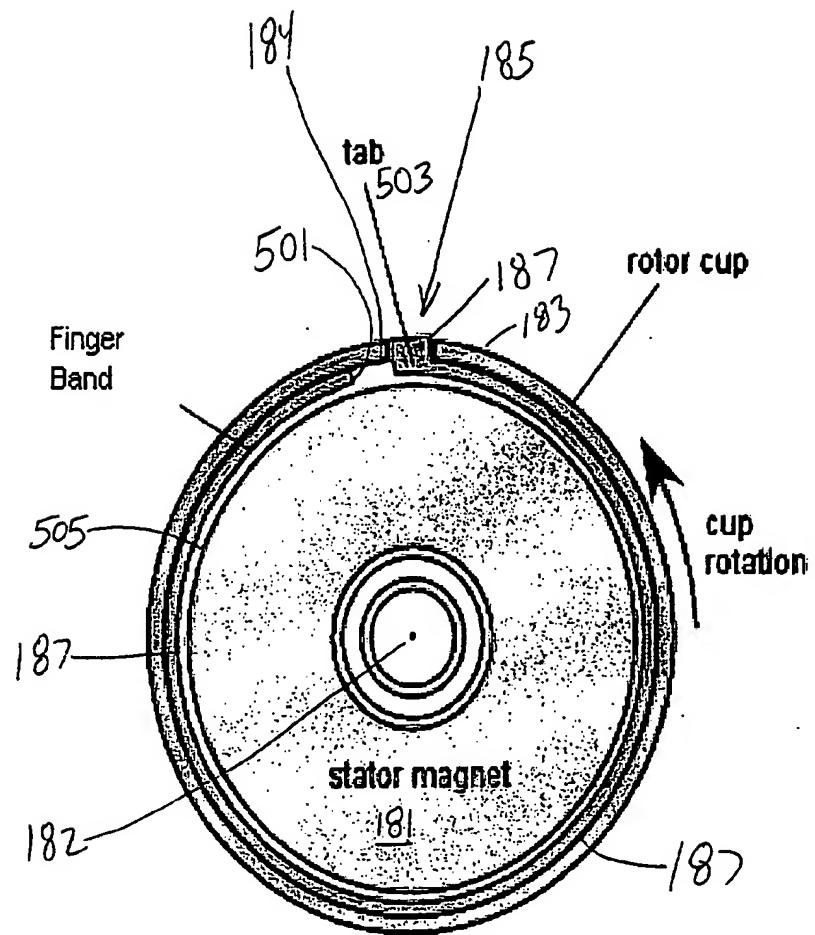


FIG. 47a 46A

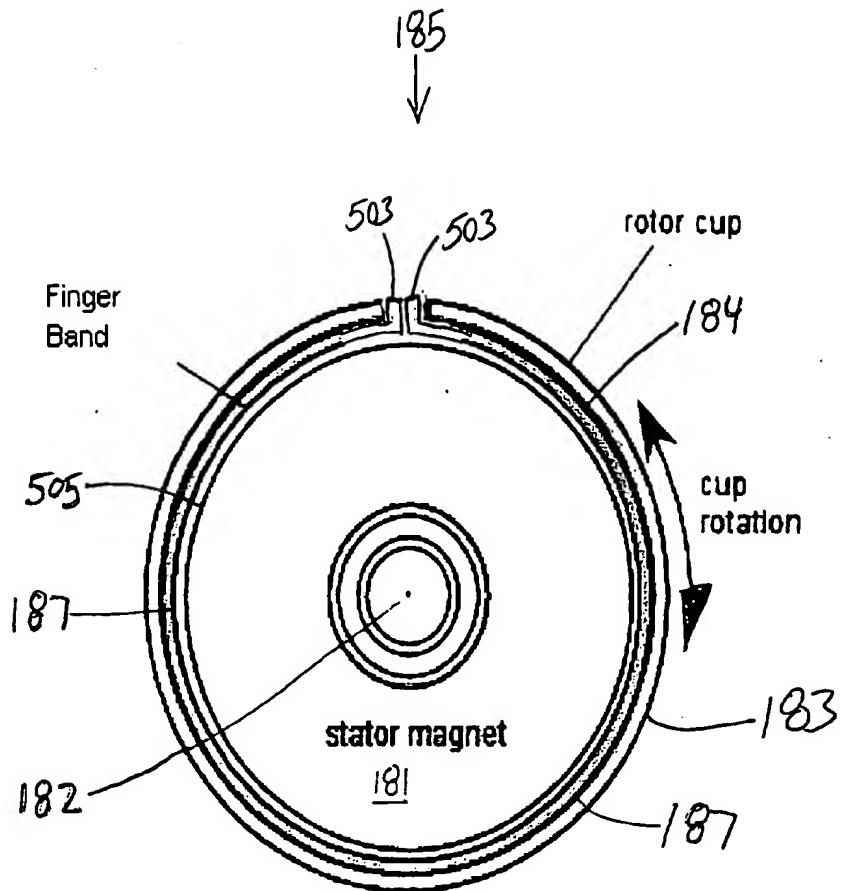
FIG. 47b 46B



Magnet off; band releases stator and rotor turns freely

FIG 8 OFF-STATE CONDITION

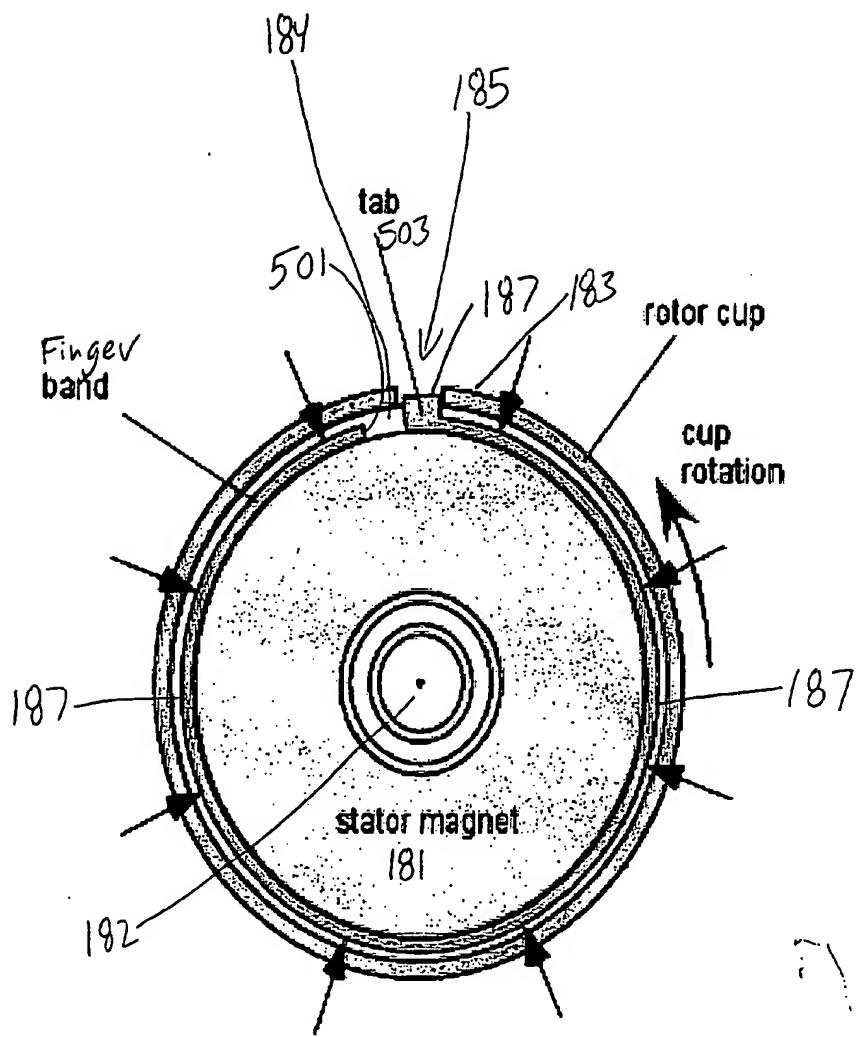
47A



Magnet off; band releases stator and rotor turns freely

FIG 45 OFF-STATE CONDITION

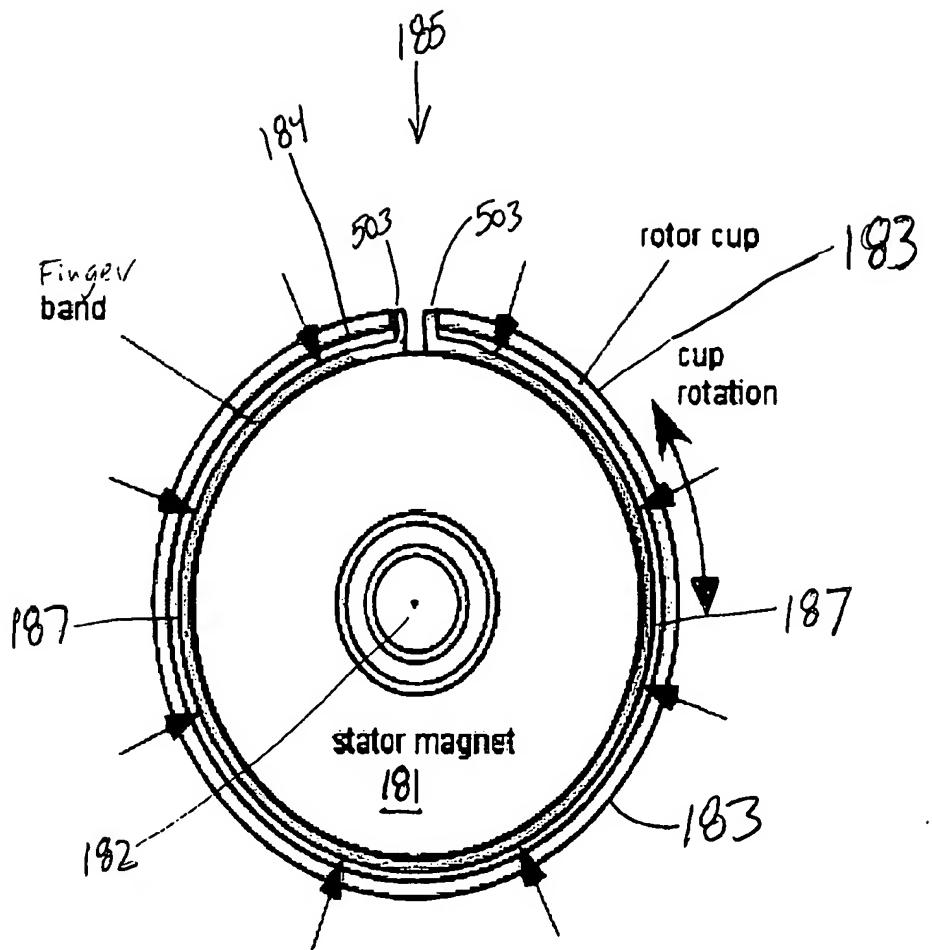
47B



Magnet energized; band is attracted and squeezes stator magnet

~~FIG. 48~~ ON-STATE CONDITION

48A



Magnet energized: band is attracted and squeezes stator magnet

~~FIG. 48 ON-STATE CONDITION~~

48B

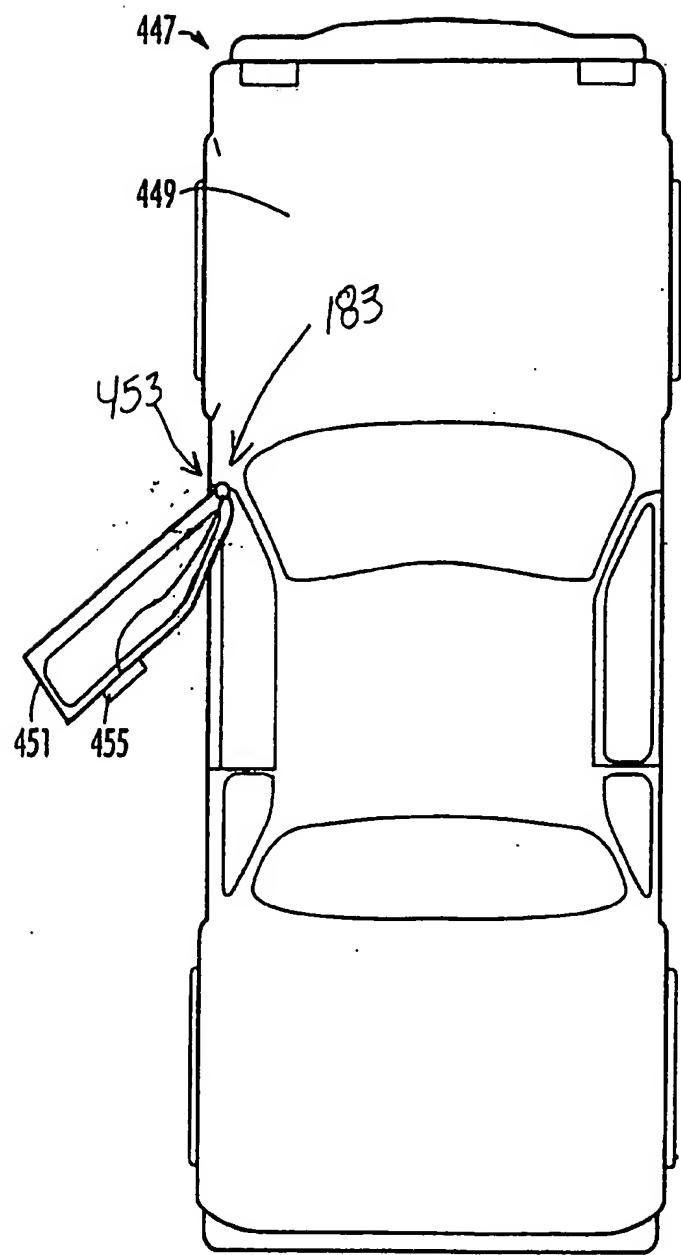


FIG. 50a 49A

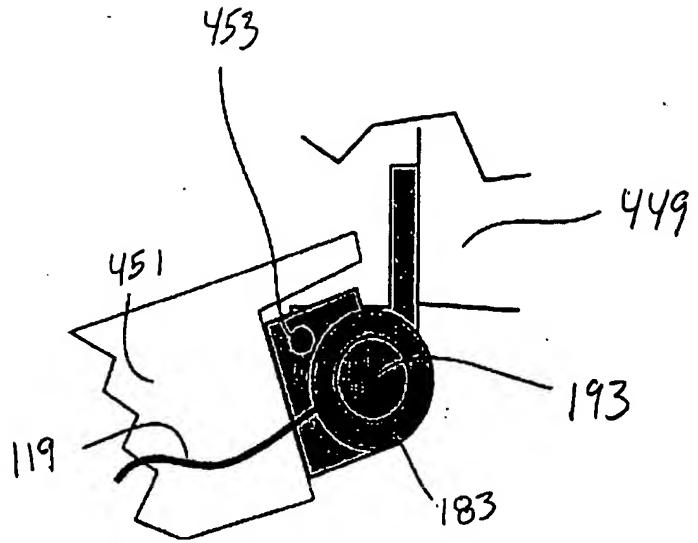


FIG. 506 49B

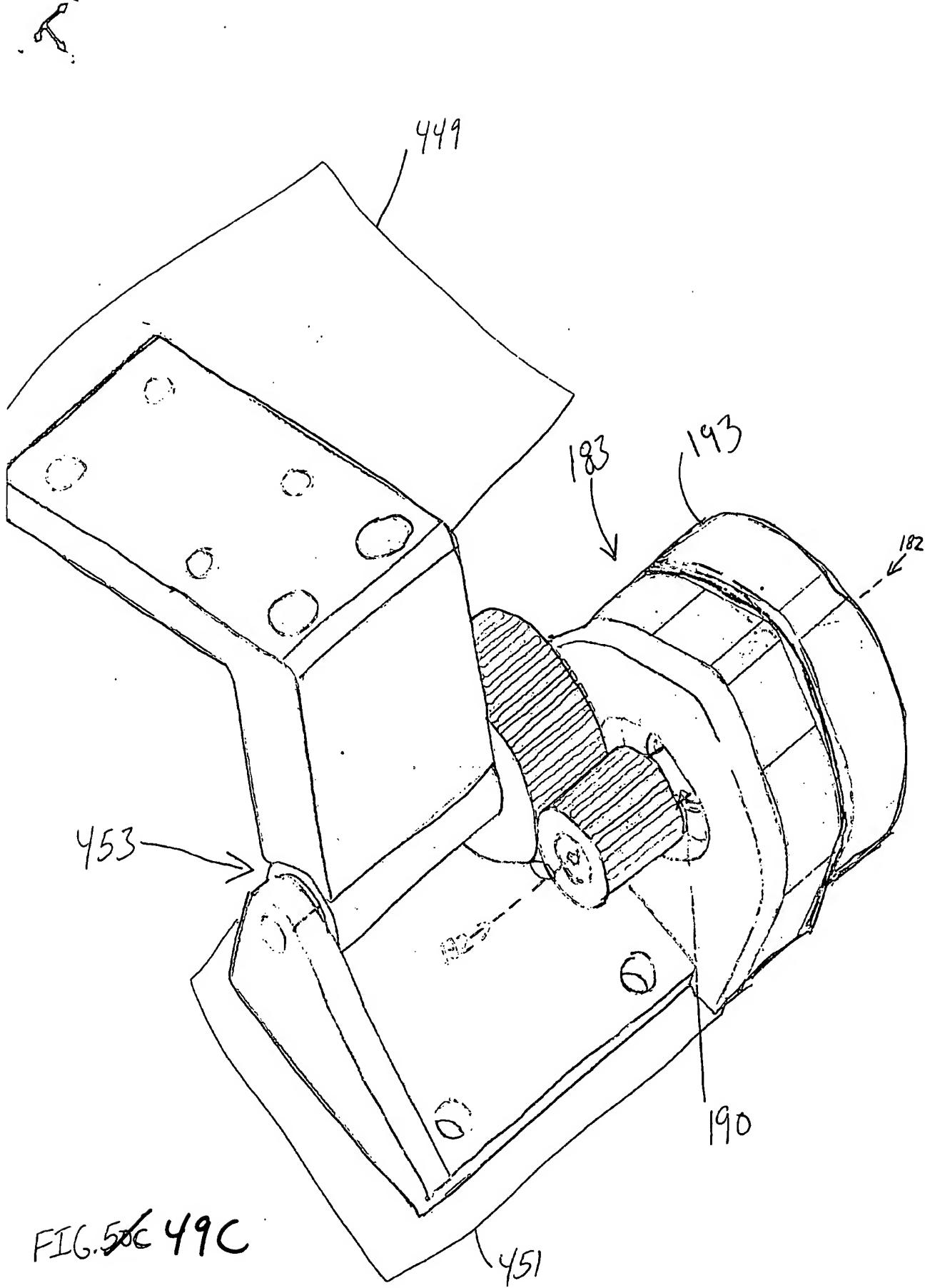


FIG. 50C 49C

FIG. 5A/50A

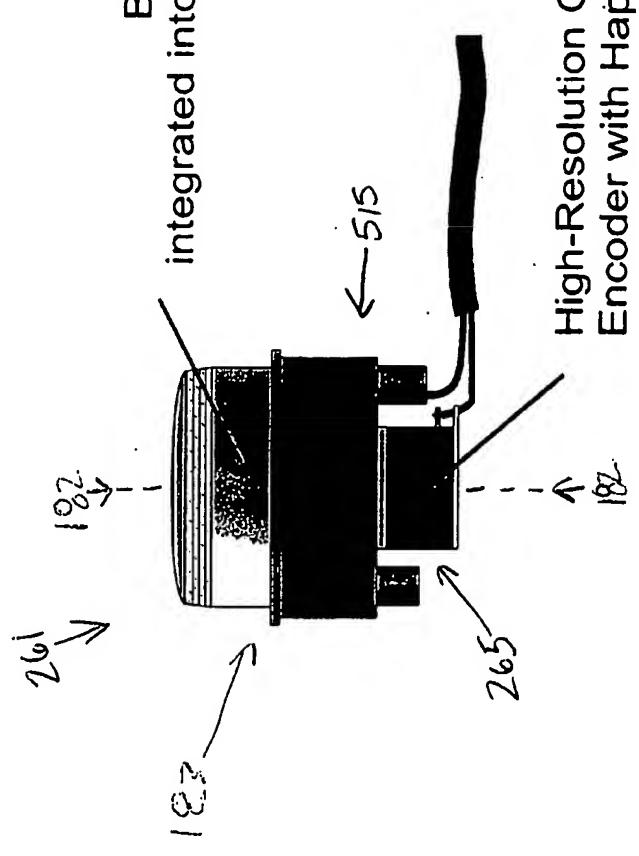
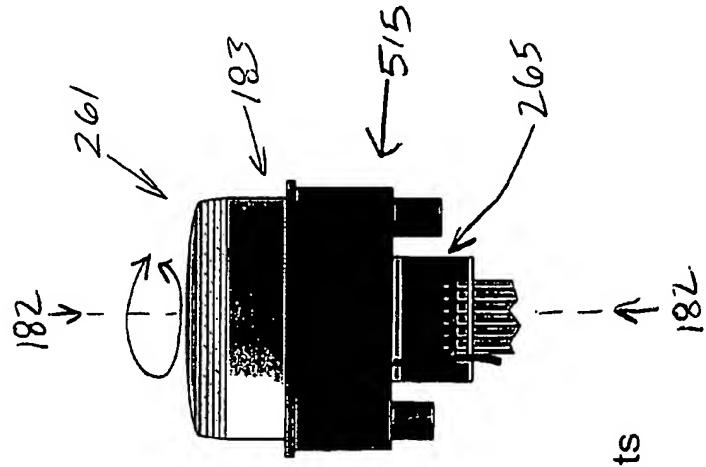


FIG. 5B/50B



~~FIG. 50C~~

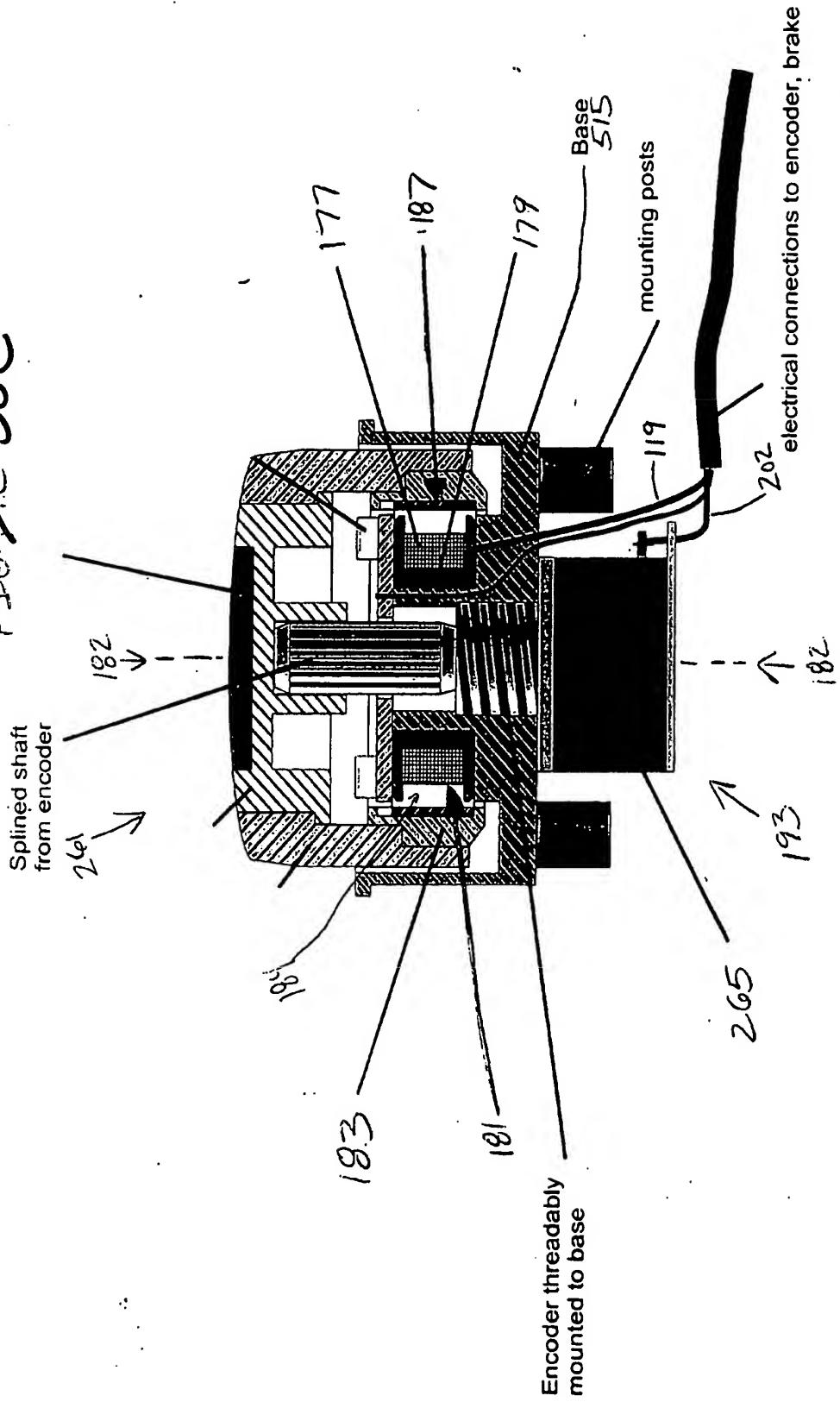
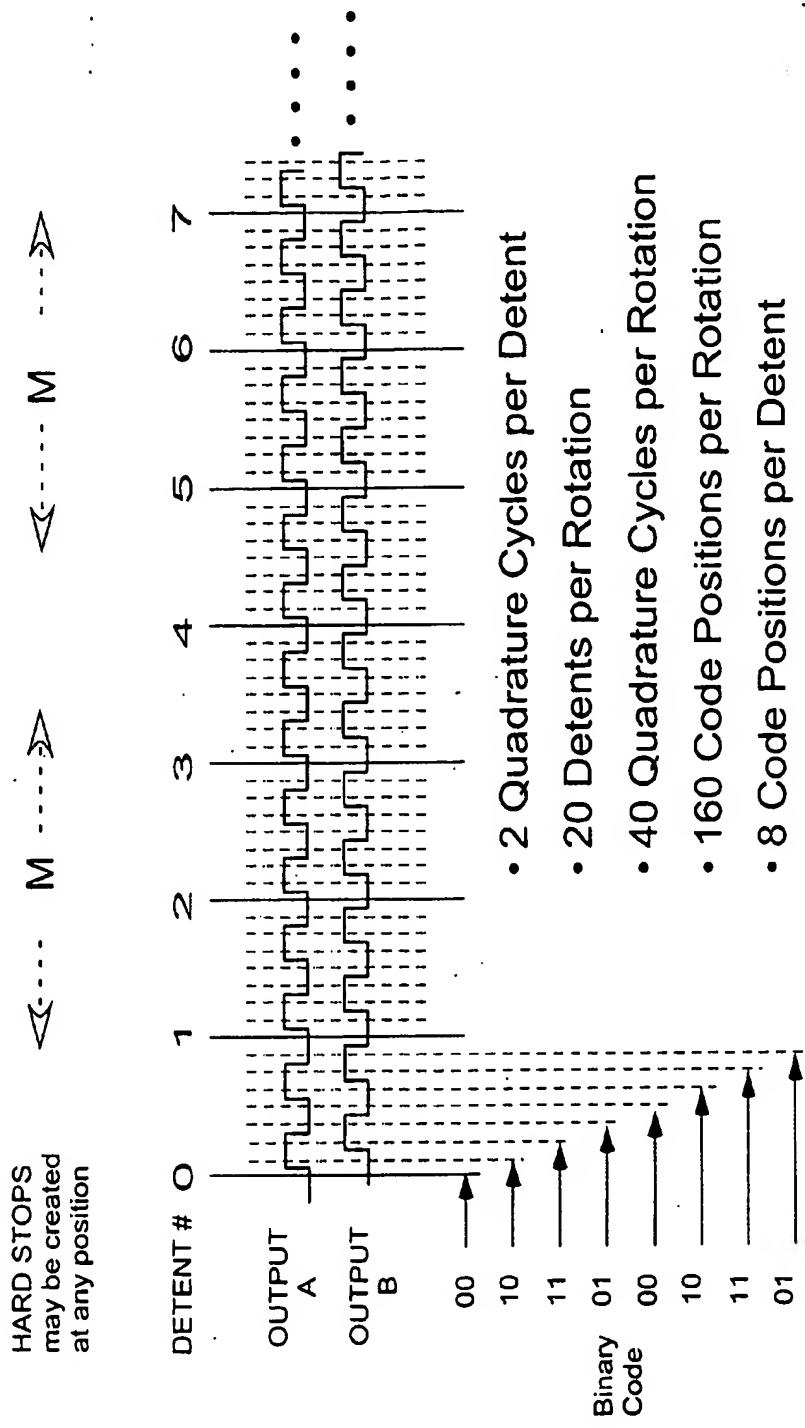
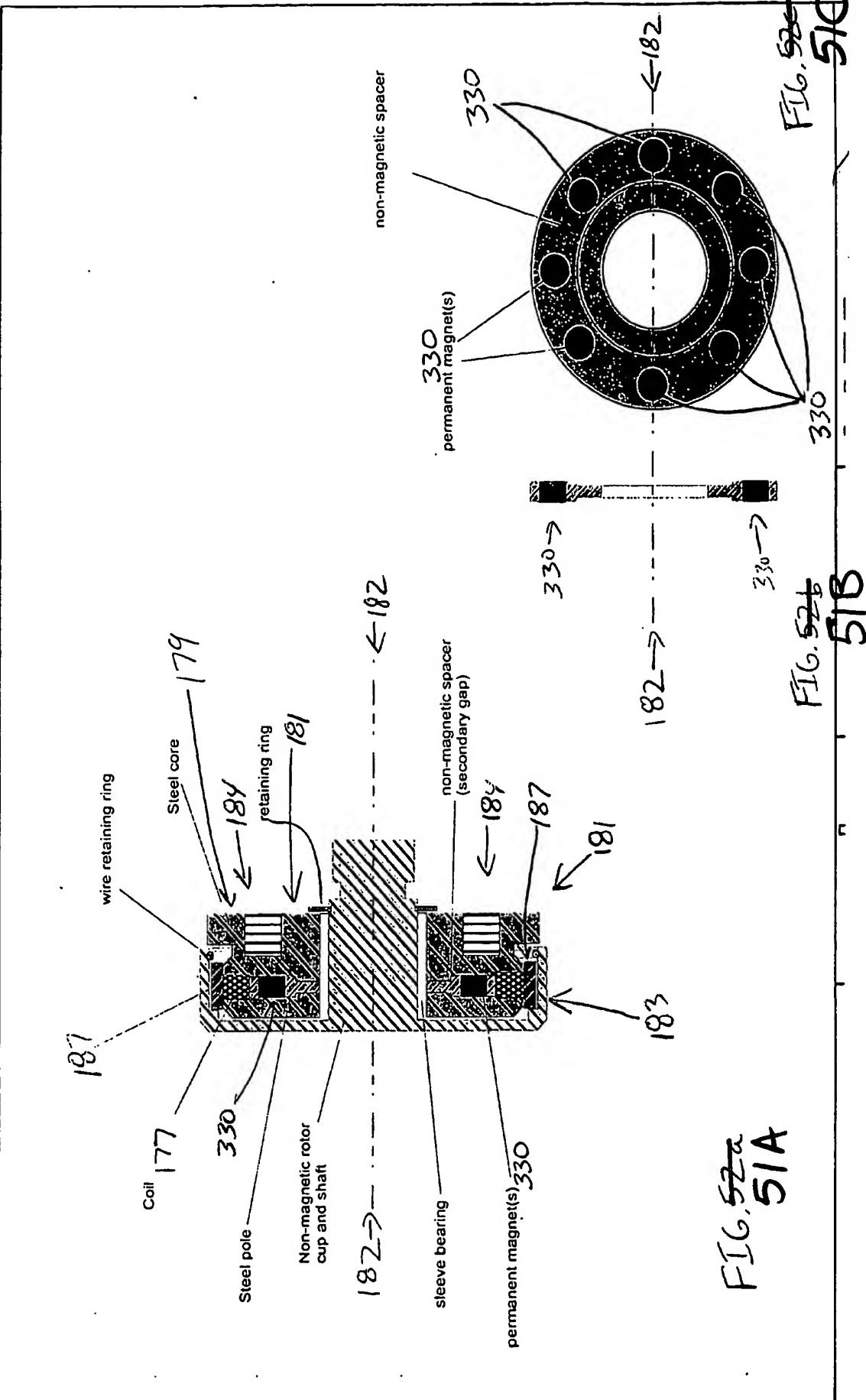
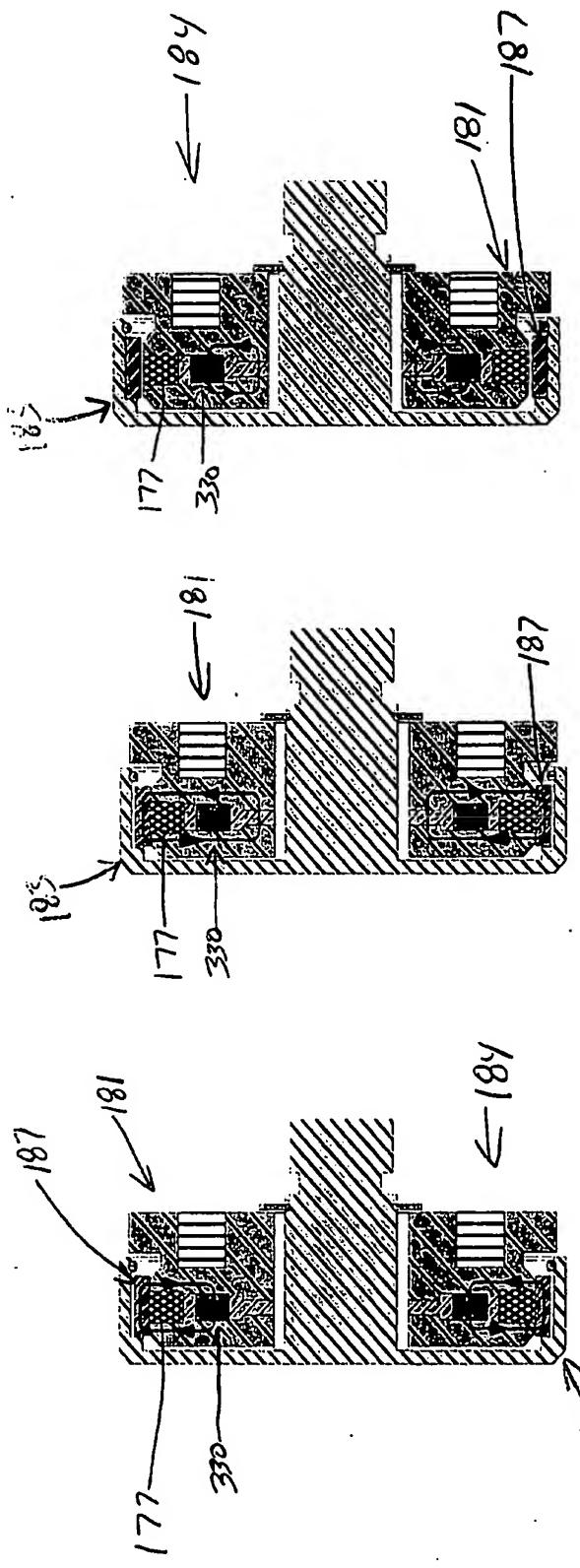


FIG. 50D Stops, Optical Code and Detent Relationship







Magnetic flux due to permanent magnet only

Magnetic flux due to coil only

Net magnetic flux with permanent magnet and coil.
flux through band is cancelled.

FIG. 52d
51D

FIG. 52e
51E

FIG. 52f
51F